

Converting Colors

Hex(676100)

Have a look what the booklet for
Hex(676100) contains.

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Color

Hex(676100)

Conversions

Conversions Part 1

Format	Color
Hex	676100
RGB	103, 97, 0
RGB Percent	40%, 38%, 0%
CMY	0.5961, 0.6196, 1.0000
CMYK	0.00, 0.06, 1.00, 0.60
HSL	57°, 100%, 20%
HSV	57°, 100%, 40%
XYZ	9.8682, 11.4330, 1.6867
YIQ	87.7360, 34.7130, -28.8950

Conversions

Conversions Part 2

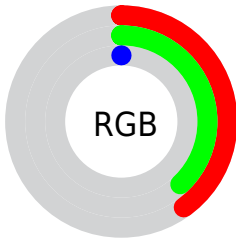
Format	Color
RYB	6, 103, 0
Decimal	6775040
CIELab	40.30, -7.67, 47.21
CIELCh	40, 47.833, 99.230
Yxy	11.4330, 0.4293, 0.4973
Android (android.graphics.Color)	4284965120 (0xFF676100)
YUV	87.7360, -43.2538, 13.3865
Hunter-Lab	33.8126, -7.0770, 20.7113

Details

The Hex color **676100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000667**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9D933A**, and **343300** is the 20% darker color. If you saturate the color by 10%, you get **676100**, and if you desaturate by 10%, it is **67620A**.

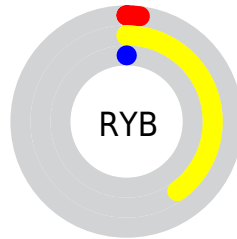
Distribution



Red (40%)

Green (38%)

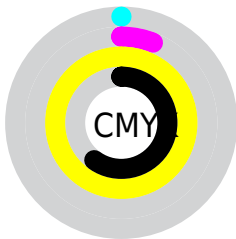
Blue (0%)



Red (2%)

Yellow (40%)

Blue (0%)

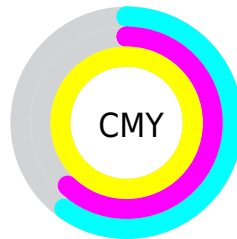


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676100 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 676100 by changing the saturation by 10% instead.

 676100

 676100

 FFFFF7

 4D4900

 9D933A

 343300

 B9AE53

 1B1E00

 D6C96D

 000200

 F3E587

 000000

 FFFFA2

 FFFFBE

 FFFFDA

 676100

 67620A

 676215

 67631F

 676329

 676434

 67653E

 676548

 676652

 67665D

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88530F



676100



3C6A1C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



676100



007090



973E7C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



676100



000667

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



704F9C



676100



006BA8

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



676100



00716A



1460AD



A53855

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



676100



006E35



1460AD



8D4388

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



676100



87855F



670007



45432C



C4C4C4



454545

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



676100



877F00



3A6700



33332E



736C00



F2E400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



000667



000887



2D0067



2E2E33



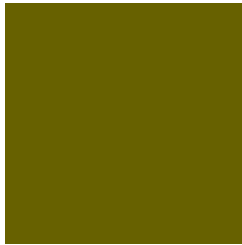
000773



000EF2

Previews

White Background



This preview shows how the Hex color 676100 looks on a white background.

Color Contrast Check

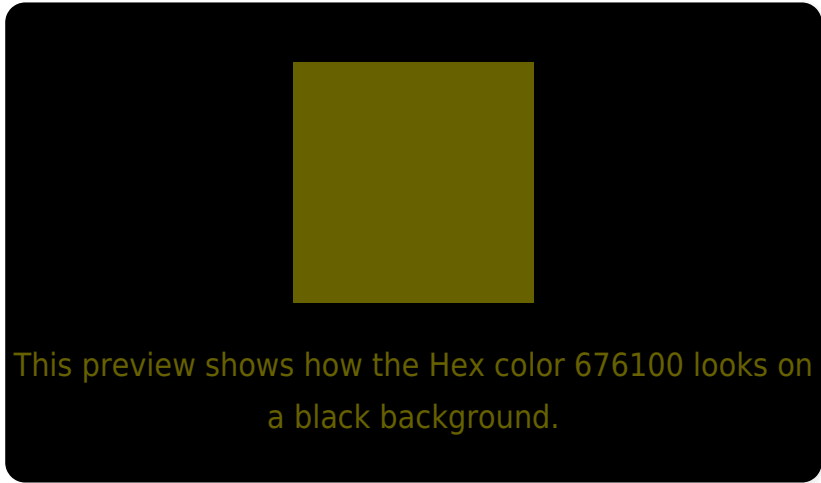
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

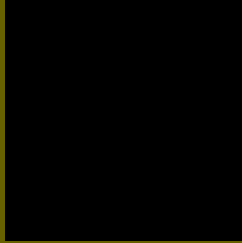
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 676100 Background



This preview shows how black text looks on a background with the Hex color 676100.



This preview shows how white text looks on a background with the Hex color 676100.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
676100

Protanopia
6B5F00

Deuteranopia
785A0E



Tritanopia
6D5A61

Trichromacy



Original Color
676100

Protanomaly
6A6000

Deuteranomaly
725D09

Tritanomaly
6B5D3E

Monochromacy



Original Color
676100

Achromatopsia
585858

Achromatomaly
5D5B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 676100 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #676100 looks like.

```
.text, #text, p{  
    color:#676100  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #676100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676100
}
```

Border

The CSS property to change the border of an element to Hex 676100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676100 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#676100 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #676100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676100; -webkit-box-shadow:4px 4px  
4px 4px #676100; box-shadow:4px 4px 4px  
4px #676100 }
```

Background

The CSS property to change the background color of an element to Hex 676100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676100 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#676100 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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